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Oral Presentation Abstract**

Title - Summary of the SASS interim Assessment Report

Authors - R. Friedl, B. Anderson, S. Baughcum, J. Hallett, K-N. Lieu, P. Rasch, D. Rind, K. Sassen, H. Singh, L. Williams, D. Wuebbles, L. Logan, J-F. Muller, J. Rodriguez, C. Walcek, and Y. Wang

Abstract - Preparation of the first interim assessment report of the SASS project began in January 1996 with the definition of a range of model tests and model sensitivity studies. Over the course of 1996, the model studies were analyzed and a group of lead authors was assembled to document concisely the status of our knowledge concerning the atmospheric impacts of present and future subsonic fleets. The report was finished in January 1997 and primarily serves to highlight the major areas of scientific uncertainty. At this stage in the scientific effort most of the assessment results are qualitative in nature. A few of the aircraft effects are sufficiently well understood to be amenable to realistic model simulations. The quantitative calculations will be discussed along with the qualitative conclusions of the report.